

Artists Using Science and Technology

Ylem (Eye-lum): The exploding mass out of which the universe emerged in the Big Bang

Ylem Newsletter
Vol. 13, No. 6 June 1993



Ritual Figure, computer art by Nancy Freeman, 32 X 40"



News of Members

Those attending SIGGRAPH '93 will see interactive works by both **Kenneth Rinaldo** and **Coactive Aesthetics** in the Machine Culture exhibit...**Diane Fenster's** work was seen in *State of the Art '93* and *But is it Art...Currents in Computer Imaging* at Pacific Lutheran University, Tacoma, WA. Catalog, book and CD-ROM of the latter will be available late '93. Fenster and **Nance Paternoster** lent their talents to the Anon Salon event in San Francisco in March...**Nancy Freeman** recently was one of only twelve computer artists included in the Seoul International Center Computer Art Festival in Korea. Her work is also included in the latest version of *Getting Started in Computer Graphics* by Gary Olsen published by North Light Books...**Trudy Myrrh Reagan's** recent show of paintings using science images at the Palo Alto Medical Foundation resulted in a program about her on cable TV...**Tony Martin's** video painting, *Who You Are Looking For Is Who Is Looking*, won second prize in the experimental category at the 1993 Baltimore Independent Film & Video Makers Competition...and the Castro Theatre in San Francisco had a special showing of *The Idea*, a whimsical surreal film by **Bill Knowland** in May...**Paul Hartal** and **Dave Archer** participated in an international art work, *The Infinite Line*, honoring Piero Manzoni of Milan. Artists from all over the world sent strips of art that were strung together in a 70 km. straight line from Manzoni's birthplace to his Milan studio. The line becomes "infinite" when the signed strips are returned to the artists. Also look for **Paul Hartal's** upcoming article, "Antares," in *Leonardo*...As for **Dave Archer**, look for his triangular painting, *Prismatic Passage*, in a July *National Geographic* article on lightning. He is writing his biography, *Painting on Glass in Earthquake Country*, and working hard on an edition of his work, *Waterfall* (See notice on page 7). Other Ylem artists whose articles have appeared recently in *Leonardo* include **Anna Campbell Bliss**, **Gary Zellerbach**, **Phillipe Boissonnet** and **Nancy Gorglione**, who edited Vol. 25 No. 5.

Frank Dietrich and Zsuzsa Molnar write from Vienna

Computer artist Frank Dietrich and his wife, Zsuzsa Molnar, were Ylem members in its early days. They now work as representatives for Silicon Graphics in Vienna. In February Frank sent his regards to us and had this to say:

"Here in Vienna things are pretty crazy, we have been developing our business and our team very quickly. We are active in half a dozen countries in Eastern Europe with about ten local distributors. We manage this job with a dozen people we have hired in Vienna.... The economic and political situation surrounding us is very dramatically changing and in some cases—as you know—quite traumatic. It is mind boggling to think that the brutal civil war in Bosnia is only a few kilometers away... the ethnic tensions in Russia are not as well known, but take their daily toll... and many millions do not know where to go from here and how to make ends meet. At the same time a few people have substantial amounts of money available... god knows where it is coming from the old party, drugs, the Mafia, currency exchange, quick (and dirty) trade, prostitution, etc.... If there is one thing clear it is that this region will be instable for a long time to come but also a major growth market, one of the largest I know.... The folks we are dealing with are young, energetic, very motivated and hard working. Actually, they work much harder than the Austrians or Germans we know. It is pleasure to see how well some people can find their way and how well they know to take thing into their own hands.

"SGI is often asked to support shows here with virtual reality and interactive installations with machines. I have changed from artist to a producer, of sorts. Still it is fun. This summer we lend about ten systems to Ars Electronica in Linz. There Steina and Woody Vasulka had built up a rather extensive show of pioneering interactive video machines. Some of which I had used while being in the US myself. BTW (Before The Wall), Woody came from Brno in Czechia (as the Czech Republic is called now) and is

About the Cover

by Nancy Freeman

"Ritual Figure" is part of a series exploring social ritual and public communication, and the underlying levels of meaning and structure that always and inescapably accompany communication. The personages in this series tend to be engaged in various types of public activity, usually in an official, religious or entertainment capacity. They are shamans, priests, poets, judges, leaders, icons. Since their communications occur under public scrutiny, they are more formal and the communications are more structured than private communications would be. The ambiguous environments they inhabit are at once rigid and chaotic, reflecting the dynamic tension between "ideal order" and messy reality. Various forms of reality are alluded to and simultaneously denied, reflecting the inherent illusion of our frame of reference/existence.

I take particular pleasure in using this most recent of high-tech tools, the computer, to produce images that allude to human rituals that have been developed over eons, and in using this electronic medium to produce both highly structured and messy "painterly" effects.

I paint these images directly with the computer, working with a variety of paint programs. Each image takes considerable time to develop, as the surfaces are very dense and layered. I am not interested in the simulation of traditional media, although I use many of the same techniques that I use with physical media. I usually like to work in medium to low resolution, so that the texture of the pixels comes through in the large size of the final print. The final works are quite large. These consist of laser print sections assembled and mounted on rag paper or canvas.

connecting back again to his roots. Also interesting to note is that Austria, even though it hardly has any high-tech industry, is sponsoring a number of high-tech shows, many with international participation."

Ylem Forum

Art outside the Art World System

Wednesday, July 7, 7:30 pm
McBean Theatre,
The Exploratorium, 3601 Lyon St.,
San Francisco

Info: **Louis M. Brill, 415-664-0694**

Three groups will show how they each contribute to the development of collaborative art installations in public places: The San Francisco Cacophony Society, Burning Man, and Desert Site Works.

Cacophony Society is a randomly gathered network of free spirits united in the pursuit of experiences beyond the pale of mainstream society. It releases bizarre artforms into the media jungle, mostly in the form of playful events each month.

The annual **Burning Man** event has attracted a number of our members to Black Rock Desert, Nevada, on Labor Day weekend, where a variety of artful activities culminate in the burning of a 40-foot high wooden-and-neon man.

Desert Site Works also migrates to Black Rock Desert to create ephemeral collaborative works exploring the borders of reality. Is totally engrossing, unheard-of, well-crafted fun art? Does art have to have "lasting significance"? What is art for?

Ylem Business Meeting

Wednesday, June 9, 7:30 pm

We want our illustrated membership *Directory of Artists Using Science and Technology* for 1993-4 to be better than ever! Bring your ideas and enthusiasm to this meeting. We will meet at **Ken Rinaldo's studio, 1342 11th Ave, San Francisco, between Judah and Irving Streets**, half a block from the Muni N-Judah line. Info: **Ken, 415-566-5133** or **Beverly, 510-482-2483**

After the meeting, enjoy Ken's sculptures that bounce, blink and twitter at you.

Ylem Special Lecture: Biosphere Interface—Art in the Solar Age

Thursday, June 24, 7:30 pm
McBean Theatre,
The Exploratorium, 3601 Lyon St,
San Francisco

Info: **Beverly Reiser: 510-482-2483**
\$2 donation suggested.

Guest Lecturer: **Jurgen Claus**, artist and professor at The Academy of Media Arts in Cologne, Germany

One of Claus' projects is the **SolArt Global Network 1995**. The aim of the SolArt Global Network 1995 is to bring artists together to work with outdoor solar media, such as outdoor holograms, light works powered by, or reflecting sun light. Highlights of this Solar Festival will be positioned around the Planet in July and August of 1995.

Claus is interested in exploring new environmental and ecological issues and how the work of artists can shape and respond to new cultural values. The importance of artists making use of solar power cannot be overemphasized: Their works prepare people to recognize the possibilities of a good life using less energy, and with it, an ecologically stable world by 2025, when it will hold 10 billion people. Technology alone cannot stabilize it.

Claus believes that the study of the Biosphere is more than the study of ecology: it is the creation of a gestalt, a

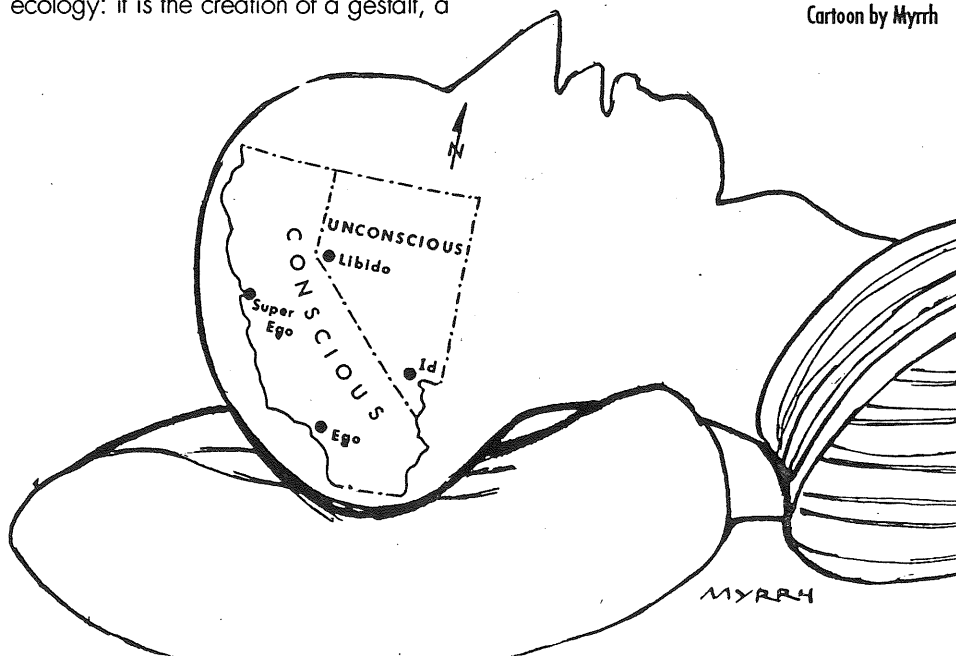
paradigm deeply connected with morphology, the study of the processes of change. And gestalt-creation is the sphere of the arts.

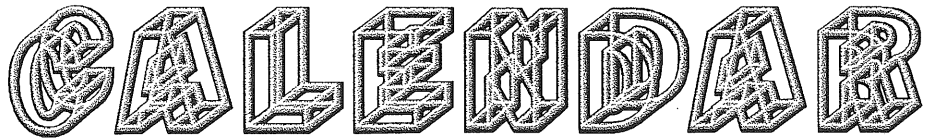
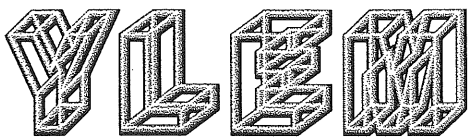
Art history will be re-evaluated in the light of the Biosphere Interface. "Probably," he says, "We have to go back into the 'deep time' of art, leaving aside the narrowing views of 'modern' art, but not towards a random 'post-modern' everything-goes, but towards values." The curriculum will revolve around the issues of human survival, a new foundation for the liberal arts.

He says, "We do know our perceptions of reality, our judgements and fears follow a primeval pattern. This is the result of a chain of mutations of more than 2,000 human generations in Earth. Our genetic software programs us—somewhat reliably—only in the Meso-cosmos, in the nearby dimensions. We apparently do not have the genetic software to realize the new frontiers in the "Micro- and Macro-cosmos."

Professor Claus has been a fellow and research affiliate at CAVS/MIT and has authored: *Expansion of Art* (1970), *Planet Ocean* (1972), and *Electronic Bauhaus* (1987).

Cartoon by Myrrh





Events

Through June 6

ARTEC'93 (Nagoya, Japan)

Third International Biennale in Nagoya. An event of art and technology, with international competition exhibit, lighting & illumination, symposium. c/o the Chunichi Shimbun 1-7-1, Sannomaru, Naka-ku, Nagoya 460-11, Japan; tel. 052 221 0753; fax 052 221 0739

June 8, 11:45 am

Soul and Tech

Luncheon lecture by Ylem editor Trudy Myrrh Reagan, who will show the art of 20 Ylem artists using hi-tech media for poetic, expressive and humanistic ends. Charge: cost of the inexpensive lunch. Sponsored by Computer Professionals for Social Responsibility. Lotus Garden Restaurant, 210 Hope St., Mountain View, CA; info: Trudy, 415-856-9593

June 9, 7 pm

An Evening with Kai Kraus

Kai Krause, will demonstrate the latest in his Kai's Power Tools series of additions to Adobe Photoshop. These "plug-ins" expand what is possible for the program to produce by allowing the user to design custom gradients and textures, apply new special effects and even create 3-D stereo images. The Mayer Theater, Santa Clara University, corner of Franklin and Lafayette Street, San Jose. Tickets, info: Adobe Technology Exchange at (800) 446-5622

June 9, 6 pm

Interactive Video Environments (New York City)

June NYC SIGGRAPH Meeting (and Party) Preview: Handing the Audience the Controls! Presentations by Edwin Schlossberg and by Bob Bejan of Controlled Entropy, Inc. Schlossberg will discuss the role of interactive video in relation to education and media for information dissemination. Bejan will discuss the interactive film which he wrote and directed, *I'm Your Man*. The annual year-end party will follow. SVA Amphitheatre, 209 E 23rd St, NYC

June 12, 11 am

Picnic & Field Trip To The Unknown Museum

In an old Victorian house in San Rafael, thousands of artifacts of American culture from the 50's thru the 70's can be found spilling from closets, tumbling down a stairway, floating in the sink and bathtub, and on and on. Icons represented here include Rocky &

Bullwinkle, Jesus, Mr. Potato Head and many others. After a tour, picnic with the museum's creator, Mickey McGowan. Meet: Linclon Way and 7th Ave., San Francisco (at the edge of Golden Gate Park). We will leave at 11:20 am and carpool to the museum in San Rafael. Cost: \$3 to cover expenses and museum donation. Bring: A gourmet potluck meal and wear something befitting the occasion. Your Hosts: Edwina Pythagoras & G. J. Petrone. RSVP at 415-665-0351

June 12

SF Bay Area 3D Studio Users Group

Meetings scheduled for Sat. 10 am, 6/12, 8/14, 10/9 and 12/11. Most will be at Autodesk. Nancy White, 3981 Lonesome Pine Rd., Redwood City, CA 94061; 415-364-6452

June 14-18

Ars Electronica 93 (Linz, Austria)

Festival for Art, Technology, Society. Theme: Genetic Art—Artificial Life. Symposium featuring international geneticists. Treats "the definition of life...experiments regarding gene technology up to the computer simulation of biological systems." Exhibitions, including display of Prix Ars Electronica award winners. Videos and computer animations of art and science. Cross-culture music. Ars Electronica, Bruchnerhaus, Untere Donaulände 7, A-4020 Linz, Austria; tel. 0732 7612-0; fax 0732 78 37 45.

June 19

Computer and Video Imaging Expo

Co-sponsored by Autodesk. Presenters from Autodesk, Xaos, Industrial Light and Magic, Pixar, Colossal, Electronic Arts and SGI. Also, vendor display. \$20 door charge goes to an Autodesk Scholarship Endowment. Cogswell College, 10420 Bubb Rd., Cupertino, CA 95014; 408-252-5550

June 24, 7:30 pm

Ylem Event: Art in the Solar Age

Lecture by Jurgen Claus. See page 3 for details.

June 27, 2 pm

Behind the Scenes of Award-Winning TV

Three 1993 Emmy Award-winners shown, plus live discussions with artists and technicians involved in the development of TV programs to give a behind-the-scenes view. First in a three-part series. Local chapter of the National Academy of Television Arts and Sciences is cosponsor. McBean Theatre, The Exploratorium, 3601 Lyon St., San Francisco; 415-561-0315

All events and exhibits occur in the San Francisco Bay Area except where noted. Is your event or exhibit listed here? Send to Ylem Editor, 967 Moreno, Palo Alto, CA 94303; trudymyrrh@aol.com

Through June 30

Visionary Computer Art (Tokyo)

Part of the International Future Images Exhibition Toshihiro Yatsumonji, Fuji Television Network Inc., Special Events, 3-1 Kawada-cho, Shinjuku-ku, Tokyo, Japan; tel. 81-3-33531111; fax: 81-3-33594224

July 7, 7:30 pm - 10 pm

Ylem Forum: Art Outside the Art-World System.

Details on page 3.

July 11 - August 7

Montage 93 International Festival of the Image (Rochester, NY)

Exhibitions, film festivals, lectures, trade shows, events and workshops covering the fusion of art and technology, and the future of visual communications. fax 716-232-5353; Mail to Ticket Express, 100 East Avenue, Rochester, NY 14604 or call 716-222-5000 or 1-800-722-3939

August 8-14

The Tuning of the World (Banff, Canada)

The First International Conference on Acoustic Ecology. An interdisciplinary exploration of acoustic ecology: the relationship between sound and the environment. The conference will bring together artists, scientists, scholars, environmentalists and educators committed to finding ways of "tuning" our acoustic environment. For registration and accommodation information: Annie Hillis, Registrar: The Tuning of the World Office of the Registrar, The Banff Centre, Box 1021 Station 28, 107 Tunnel Mountain Dr., Banff, AB Canada T0L 0C0; 403-762-6185; fax 403-762-6345

Exhibits

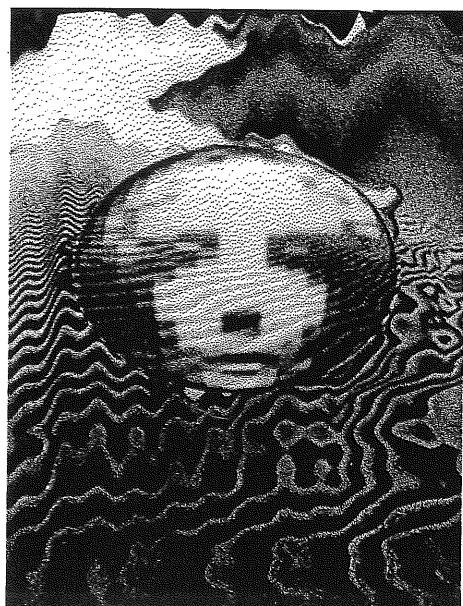
June 3-30

Abaci is Back! (Portland, OR)

Abaci Gallery of Computer Art is reopening, on an appointment-only basis. Grand Reopening Celebration, June 3, 11 am - 9 pm. Its first show will feature artwork by Daria, who was recently a visiting artist at Renaissance Experimental Laboratory (REL) at the National Center for Supercomputing Applications (NCSA) at the University of Illinois Urbana/Champaign. She will show works completed there, as well as other recent works. Abaci Gallery, 312 NW 10th St., Portland, OR 97209; 503-228-8642

The Sixth Annual Directory of Artists Using Science and Technology

**Deadline:
September 1st, 1993**



"Mirage," computer painting by Tarey Dunn



"Synergy," performance work by Robert J. Martin

Abundantly illustrated and updated annually, the *Directory* lists about 250 artists, scientists, art visionaries and enthusiasts, all members of Ylem: Artists Using Science and Technology. Over its twelve-year lifespan Ylem has attracted a variety of well known figures in the arts and sciences. The artesian pressure of their talent opens up opportunities to exhibit and perform in an otherwise skeptical gallery milieu. Containing contact information along with descriptions of each member's work, the *Directory* links artists, collectors, galleries, and educators by phone and electronic mail. One year membership in Ylem includes a copy of the edition of the *Directory* in which you are listed.

To be listed in the Directory:

If you are not already a member of Ylem or your Ylem Newsletter mail label says "Last Issue: 8/93" or sooner you must join or renew by **September 1st** to be in the *Directory*. Please see reverse.

To submit a photo of your work or an ad:

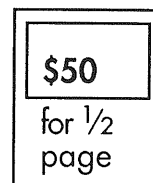
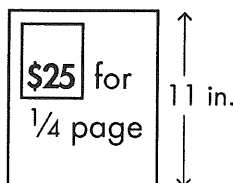
Please include the following information on the back of your original:

No Post-Its, please; use label with secure adhesive.

- ① Your name
- ② Caption for picture (title, medium, date, etc.)
- ③ An arrow indicating which is the top of the image

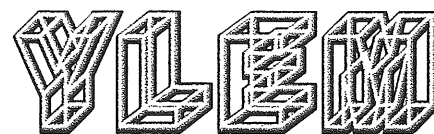
④ Fee category:

← 8½ in. →



- ⑤ If you want your original returned, please indicate and enclose a self-addressed stamped envelope.
- ⑥ Photo fees above are *in addition to membership dues*. More details on reverse.

The Directory of Artists Using Science and Technology



PO Box 749
Orinda, CA 94563

As well as being listed in the *Directory*, your membership in Ylem includes:

- ✱ A copy of the *Directory* in which you are listed along with 250 other artists and enthusiasts of new art forms. Please see reverse about how members may have their art published in the *Directory*. (If you join after the deadline, you will be listed in and receive a copy of the following year's *Directory*.)
- ✱ The monthly *Ylem Newsletter* containing articles on numerous topics along with news of members and a calendar of events and art opportunities.

Ylem also presents bi-monthly **Forums** and sponsors social activities and field trips in the San Francisco Bay Area.

Yearly membership rates:

US Individual	\$30	Canada/Mexico add 5 US\$ to US rates; all other countries add 15 US\$ to US rates.
US Institution	\$45	
US Student or Senior	\$20	

Membership includes the next edition of the *Directory*. The current *Directory* is also available at extra charge:

With membership in Ylem: \$6
(+ \$3 if outside USA)
Not joining Ylem: \$15 (+ \$3 if outside USA)

Please fill in only if you are joining for the first time or if information needs to be updated:

☐ Please don't include my name when the Ylem mailing list is sold to other members for mailings.

NAME _____ PHONE (home) _____
BUSINESS NAME (optional) _____ PHONE (business) _____
ADDRESS _____ FAX _____

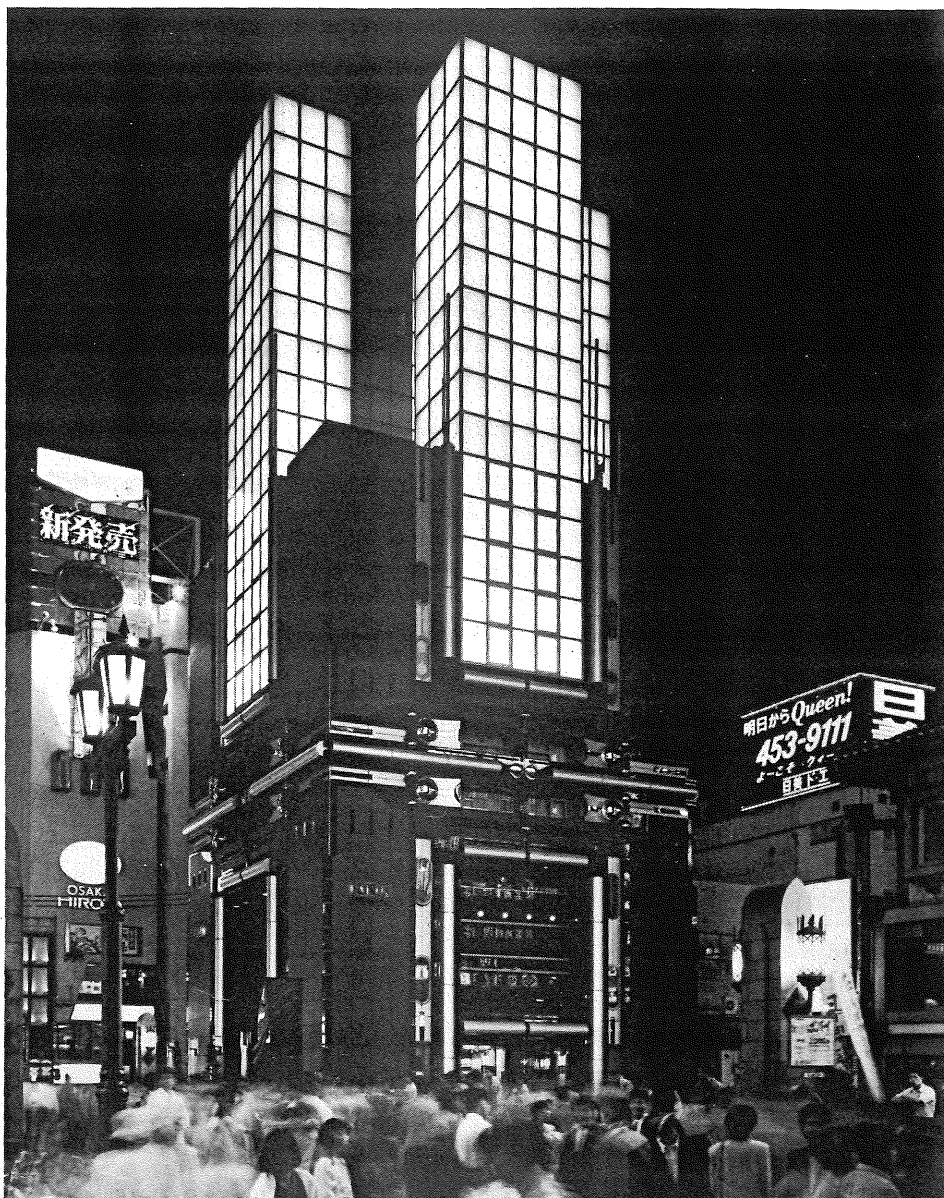
_____ E-MAIL _____

PLEASE DESCRIBE YOUR WORK/INTERESTS _____ Please write TITLE & DESCRIPTION OF
(Art media; art-, science- or technology-related PHOTO SUBMITTED ON
interests, activities, services) in 30 words or less. _____ the back of your original
to avoid confusion.

Send along with your picture and fees to the address above by September 1st, 1993.

About photo submissions (continued from other side)

- If you have had your picture in the *Directory* before, a new picture is preferable.
- As the *Directory* is a black-and-white publication, images with good contrast and sharp focus are recommended. Please don't send color pictures with dot patterns or halftones (continuous-tone color OK).
- **Photos with grey tones:** We will make 100 line/inch halftone photostats. If your image has special reproduction requirements, please explain on the back of your original.
- **Macintosh graphics files:** Send your Mac disk if the art will print well on a LaserWriter.
- We will do our best to scale pictures to the area purchased (see reverse), but due to the dimensions of the pages it may have to be scaled smaller if the picture is too narrow, vertically or horizontally.
- If the art does not fill the picture area, we reserve the right to crop it.
- For more information call Trudy Myrrh Reagan: (415) 856-9593.



Kirin Plaza, Osaka, Japan, building by Shin Takamatsu. Photograph courtesy of SFMOMA

Through June 6
Shin Takamatsu

An environmental installation on the work of eminent Kyoto-based architect, Shin Takamatsu. Spectacular installation features everything from blueprints to actual constructions. But the star feature is a 3D HDTV display of his Art Deco and Bauhaus constructions (example pictured above). Admission \$4. **San Francisco Museum of Modern Art, 401 Van Ness at McAllister St., San Francisco, CA; 415-863-8800**

Through June 16
Santa Fe Computer Graphics Art Show
Third annual exhibit. **Hand Graphics, 418 Montezuma, Santa Fe, NM 87501**

July 4, 4-6 pm
Chere Lai Mah

Investigates the impact of actions and the evolution of forms over time. Lai Mah uses an installation as environment to see how actions, delicate or aggressive, interact with the entropic surroundings created. **900 North Point, Ghirardelli Square, San Francisco, CA 94109; 415-771-1919**

Through July 11
The World Through the Box

Video art and installations by eleven artists, plus a display of amazing old TV's and Cameo by Paper Tiger Television's "Phony TV." **Richmond Art Center, Civic Center Plaza, Richmond, CA 94084; 510-620-6772**

Through September 6
Environmental Art at the Exploratorium

Focusing on the movements of waves, clouds and flowing water and their interplay on and with the Earth's surface, new exhibits feature four artists, Ylem Member Michael Brown, Al Jarnow, Ned Kahn, and Andrej Zdravic. **Exploratorium, 3601 Lyon Street, San Francisco, CA 94123; 415-563-7337; 415-561-0307**

Through September 19
Images Du Futur '93 (Montreal)

The largest exhibition on art, new technologies and communications in the world: holography, computer animations, virtual reality, interactive sculptures, multimedia installations, etc. Interactive exhibition for the general public. **Mario Tremblay, 514-849-1612; fax 514-982-0064; La Cite des Arts et des Nouvelles Technologies de Montreal, 15. rue de la Commune ouest. bur. 101. Montreal, Quebec, Canada H2Y 2C6**

Opportunities

Deadline June 1
AFI Video Festival

The AFI Video Festival is one of the largest and most prestigious video exhibitions in the world. In this curated festival, programming changes from year to year and is organized around specific themes. Format: 3/4"; fee: \$25; all categories. **Ken Wiachin, The American Film Institute, 2021 North Western Avenue, Los Angeles, CA 90027; 213-856-7771**

Deadline June 1
Chicago Int'l Children's Film Festival

Formats: 3/4", U-Matic, VHS, 16mm or 35mm; no fee; Categories:; Live Action: Feature-Length, Short-Film. Animation: Feature-Length, Short-Film. Video Production, Single Program, Series. **Amy Wukotich, Facets Multimedia, Inc., 1517 West Fullerton Avenue, Chicago, IL 60614; 312-281-9075; fax 312-281-9075**

Deadline June 1
Computer Pictures Art & Design Contest

Open to all. Artwork created using desktop computer hardware and software; stills only (OK to enter single frames from animated work). No fees. Publication in spring and summer issues of *Computer Pictures*. **Computer Pictures, 25 Bischoff Ave., Chappaqua, NY 10514; 914-328-9157**

Deadline June 1
Contemporary and Avant-Garde Work

Cash awards. All media; must be contemporary, avant-garde, and/or experimental. No fee; up to 5 slides. **Eye of the Lizard Gallery, 4877 N. A1A, Vero Beach, FL 32963; 407-234-3004**

Deadline June 1

Louisville Film & Video Festival

Open to 16mm, VHS, 3/4" film/videos by independents. Animation, documentary, experimental, music video, narrative.

Artswatch, 2337 Frankfort Ave., Louisville, KY 40206; 502-893-9661

Deadline June 15

Fourth Int'l Symposium on Electronic Art

Open to all. Seeking art forms created electronically including film/video. No fees. Symposium dates: Nov. 3-7. **Minneapolis College of Art & Design, 2501 Stevens Ave. South, Minneapolis, MN 55404; 612-874-3754; fax -3732**

Deadline June 15

Lindbergh Fund

Several grants awarded annually for research and educational projects which will further a technology/nature balance. Each grant max. \$10,580. Fields include Arts/Humanities as well as technical ones. **Charles A. Lindbergh Fund, 708 S 3rd St., #110, Minneapolis, MN 55415; 612-338-1703; fax: 612-338-6826**

Deadline June 15

The Lover of the Image Newsletter

Seeking photography (all subjects) using plastic cameras or alternative photographic process(es). Written features about same. Photographers, send 10 B/W slides, statement, resume, SASE; writers, send outline of feature(s), resume, SASE. **James Hendrickson, Publisher, Lover of the Image Newsletter, 123 Boulder St., Nevada City, CA 95959; 916-478-1535**

Deadline June 15

Visions of U.S.

Sponsored by Sony and administered by the AFI, this competition is open to anyone who has made an original video production. Formats: VHS, 1/2" Beta, 8mm; Fee: None; C Fiction; Nonfiction; Experimental; Music Video. **Lee Amone-Briggs The American Film Institute, 2021 North Western Avenue, Los Angeles, CA 90027; 213-856-7743**

Deadline June 28

The National Student Media Arts Exhibition

This competition and exhibition is run entirely by and for students and features the year's best film, video and computer work from K-12, undergraduate and graduate students. Winning tapes are included in a month-long exhibition at the Visual Studies Workshop Gallery, as well as aired over Greater Rochester Cablevision's public access channel for twelve weeks. Formats: 3/4" (preferred), VHS, Beta or Hi8; Fees: None (Return postage for tapes); Open to

all student work. Contact: **Student Committee 1991, 31 Prince Street, Rochester, NY 14607; 716-442-8676**

Deadline June 30

Art from the Machine

Computer art show to be held during the SIGGRAPH '93 conference in Anaheim California, August 1 - August 6. This is not a SIGGRAPH event, but a show of still computer art during SIGGRAPH. (There is no still art show in this year's SIGGRAPH). This show will showcase: inkjets, serigraphs, photo-etchings, plotter output, linotronic output, photography and other printed media. Submit up to 5 slides. **Stewart McSherry, 4782 Panorama, San Diego, CA 92116**

Deadline June 30

Copy Art Exhibit

Xerox Palo Alto Research Center (PARC) will be hosting a show of *Copy Art*, art created with the aid of a photocopier. Categories: Mail art, i.e. small creations, e.g. 8.5" by 11", that you send us by mail or fax, we hang up, and never return; and framed art by artists in the San Francisco Bay Area, juried by slides or snapshots. Actual artwork may be any size and must be framed and covered with glass or plastic for the show. **Art show, Xerox PARC, 3333 Coyote Hill Rd, Palo Alto, CA 94304; fax your art: 415-812-4471. Local artists interested in exhibiting may contact: Marshall Bern 415-812-4443, or Debra Adams 415-812-4417**

Deadline September 1

Ylem Directory of Artists Using Science and Technology

Last year, the *Directory* was distributed not only to members, but to museum curators and other influential people. It's not too soon to prepare a good, high-contrast black and white photo of your work to submit to it. Macintosh line art graphics files also accepted. Poor quality submissions and those requiring extra pasteup will be returned, so prepare carefully. We want this to be a gem! See the enclosed form for details.

Abaci Gallery of Computer Art

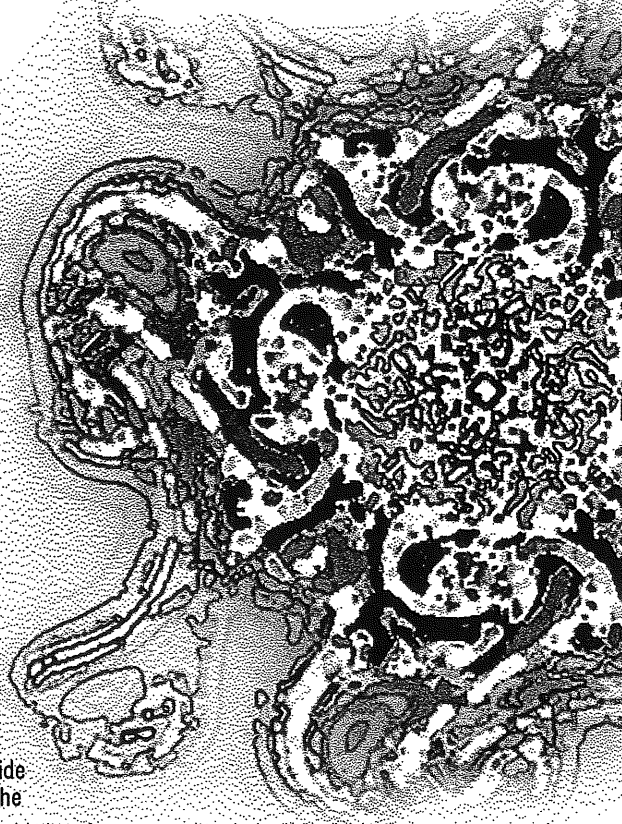
The Abaci Gallery maintains an active slide registry for clients and projects. Note: The gallery is not taking art on consignment. Computer artists: Send slides, short bio, resume and SASE to: **Daria, Abaci Gallery, 312 NW 10th St., Portland, OR 97209; 503-228-8642**

Be Published in the Ylem Newsletter

The *Ylem Newsletter* is your vehicle for introducing yourself to the rest of us. Welcomed are the following: **Articles**, tech or science-related, between 400-800 words on artworks, techniques, resources (including books) and what it all means. **Art**, high-contrast B/W, including art on Macintosh disk in most common formats. Supporting biographical materials are helpful. For return of treasured materials, include SASE. 1993 themes include interactive art, 3D, and art outside the art world system. With donations by service bureaus and manufacturers, even more is possible: color, holography, (scratch 'n' sniff??). Please provide suggestions and contacts you may have! Contact: **Trudy Myrrh Reagan, Ylem Editor, 967 Moreno, Palo Alto, CA 94303; 415-856-9593; trudymyrrh@aol.com**

Art Sources, Inc.

Fiber optics and other forms or light sculpture for corporate environments. 1,600 artists currently on computer. Send slides, bio, SASE. **Lisa Austin, Art Sources, Inc. 927 Lincoln Rd., #104, Miami Beach, FL 33139; 305-673-1765**



Cow Graphics and Animation

Quanta Press is working with the Electronic Artists Group to produce a CD-ROM about cows and philosophy. **EAG, PO Box 580783, Minneapolis, MN 55458; voice mail: 612-649-4641**

above: Computer art by Russell Reagan

Experimental Gallery of the Smithsonian Institution

This exhibit hall, in the Arts & Industries Bldg., showcases exhibits which are innovative in their exhibition approaches. Multi-cultural arts, humanities, and science exhibits which "push the edges of our museum experience and take chances in their choice of subject matter or viewpoint." Kimberly Camp, Director.

Experimental Gallery of the Smithsonian Institution S1302, Washington, DC 20560; 202-786-2850

Needs/Offerings

June 28 - July 23

CCRMA Summer Courses

Center For Computer Research in Music and Acoustics (CCRMA) Summer Courses and Workshops. For applications and information: **CCRMA Summer Workshops, Music Department, Stanford University, Stanford, CA 94305-8180; 415-723-4971; fax: -8468**

Price will double June 30

Waterfall Limited Edition

Dave Archer is using a new method to reproduce his paintings on glass by serigraphy onto glass plus hand painting by the artist. The pre-publication price of \$600 (framed) is about to expire. Then the price will double. "Waterfall" refers to extraterrestrials finding a planet with water. **Dave Archer Studios, PO Box 150180, San Rafael, CA 94915; 800-457-2196 (to place an order)**

Art Calendar

A monthly magazine that is a definitive source of listings for artists nationwide. Well presented, easy to use. Also carries articles about artist career issues. Although *Ylem* skims it for items of interest to our members, we get overwhelmed in the summer when the *Art Calendar Annual* comes out. It lists scores of galleries asking for experimental art as well as art consultants and grant opportunities, none of which have a definite deadline for submissions. \$32/yr. **Art Calendar, Box 199, Upper Fairmount, MD 21867; 410-651-9150; fax -5313; 800-597-5988 (credit card orders only)**

Center For Creative Imaging

Accepts proposals from artists needing "the time and technology to complete specific projects." Apply in writing with a resumé, description of intended project (include its duration and the equipment, supplies, and tech. assistance desired); if you send any photo portfolio include a SASE. Stewart McBride, Director. **Center For Creative Imaging, Eastman Kodak Company, 51 Mechanic St., Camden, ME 04843; 800-428-7400**

Clinton Papers on Technology & Privacy

Computer Professionals for Social Responsibility is providing all Clinton documents on technology and privacy at the CPSR internet Library, available via FTP/WAIS/Gopher at cpsr.org/cpsr/clinton (and in other folders as relevant). **email: listserv@cpsr.org**

Go Whitehouse

The White House Forum (GO WHITEHOUSE) on CompuServe is devoted to discussion of the Clinton administration's policies and activities. The forum's library consists of news releases and twice daily media briefings from the White House Office of Media Affairs. CompuServe members can exchange information and opinions with each other in the 17 sections in the forum's message area. **CompuServe=GOWHITEHOUSE. Also, America On Line=White House, WELL=whitehouse, MCI=VIEW WHITEHOUSE, USENET/NETNEWS** A variety of bulletin boards have this info.

Multimedia Reporter

A wide-awake newsletter with good information by a group north of San Francisco. Membership: \$45 per year also includes meetings, directory of services and membership directory. **North Bay Multimedia Association, PO Box 150296, San Rafael, CA 94915**

Int'l Directory of Electronic Arts (IDEA)

IDEA covers the whole range of activities in the field of Art and Technology. Bilingual, French/English, this unique Directory includes in this second edition more than 2800 addresses world-wide concerning Organizations, Artists, People, and Periodicals. **IDEA, CHAOS, Annick Bureaud, 57, rue Falguire, 75015 Paris, France; fax: 33-1-43-22-11-24**

Sending Email to the White House

Voice your opinion directly to the President's office. This is a new project and suffers from all of the problems common to a startup operation. You can send e-mail to the following accounts: **Compuserve: 75300, 3115 GO: WHITE HOUSE finds White House forum; America OnLine: clinton pz KEYWORD:WHITEHOUSE finds White House area; MCI: TO: WHITE HOUSE VIEW WHITE HOUSE views bulletin boards; Internet: clinton-hg@Campaign92.Org 75300.311@compuserve.com clintonpz@aol.com**

Video Producers

Ad agencies, art directors: "3D Artists Directory" of freelance 3D professionals now available to you free for single copy. Updates also free with subscription to *3D Artists*. **PO Box 4787, Santa Fe, NM 87502; 505-982-3532**

Summer Newsletter Helpers Needed

People to fill in for vacationing *Ylem Newsletter* staffers would be much appreciated. Layout and text work, some of which can be done by email. We're glad to introduce you to desktop publishing! Contact: **Trudy or Russell, 967 Moreno, Palo Alto, CA 94303; 415-856-9593; trudymyrh@aol.com**

Xb

A bibliographic database of the literature of xerography, copier art, electrostatic printing and electrographic art, seeks data and materials about the form copy art and its literature for input into the Procite bibliographic database. **Xerobibliography c/o Reed Altemus; mail: 16 Blanchard Road, Cumberland Ctr., Maine 04021-9738 USA; 207-829-3666; raltemus@well.sf.ca.us, or: lra@world.std.com**

Interactive Multimedia Association

IMA is an international trade association representing the full spectrum of the multimedia industry; applications developers; suppliers of hardware and software; system integrators, publishers and distributors; educators and users. Started in 1988, the IMA serves as a forum for the open exchange of views, opinions, and technical proposals within the multimedia community. **Interactive Multimedia Association, 3 Church Circle, Suite 800, Annapolis, MD 21401-1933; 410-626-1380; fax 410-263-0590**

Waste Management: Disposal for Artists and Schools

An excellent article, "Introduction to Waste Management for Artists and Schools," appears in the Vol. 15 No. 3 newsletter *Art Hazard News*. It discusses the different kinds of wastes (i.e. corrosive, flammable, acute [e.g. arsenic], leachable, etc.) It introduces a variety of methods of waste management (minimization, recycling, evaporation, treatment, etc.). While only a few specifics for handling waste are given, it is a good article to start with. \$21/one year (5 issues/year). **Art Hazard News, Center for Safety in the Arts, 5 Beekman St., #1030, New York, NY 10038; 212-227-6220**

Some calendar items reprinted from Art Calendar (the monthly marketing and career management journal for artists, PO Box 199, Upper Fairmount, MD 21867. Subscriptions \$32/yr.), Rough Draft (from the San Francisco Cacaphony Society), Video Networks (from Bay Area Video Coalition), Leonardo Newsletter and FineArts Forum e-mail.

Please send a
**membership
application** and
sample newsletter to
(me) (my friends) at:

NAME _____

ADDRESS _____

Yearly membership rates:

US Individual \$30
US Institution \$45
US Student or Senior \$20

Canada/Mexico add 5 US\$ to US rates; all
other countries add 15 US\$ to US rates.

Membership includes 12 issues of the *Ylem
Newsletter* & listing in the *Artists Using
Science and Technology Directory* which
you will receive in the Autumn.

Mailing labels of Ylem members

(about 250 artists &
art enthusiasts) are
available to Ylem
members for \$20.

Info: Bev Reiser
510-482-2483
or send \$20 with
your request to
address below.

☐ Sample issue &
application only (free) ☐ I enclose \$_____ for membership (see above)

Ylem is a non-profit, networking organization.

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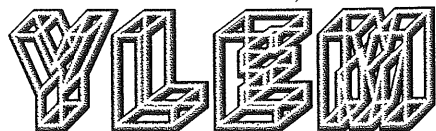
Newsletter

Trudy Myrrh Reagan
Russell Reagan

Forums

Trudy Myrrh Reagan
Larry Shaw
Louis M. Brill

Computer art by Russell Reagan



Artists Using Science and Technology
PO Box 749, Orinda, CA 94563

Use this address for membership info./renewals. See below for newsletter editor/submissions address.

ISSN 1057-2031
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**June
Newsletter**

Contributions are most welcome

The Ylem Newsletter welcomes Ylem members' art
and articles, notices of events, exhibitions, etc. Art
submitted must reproduce well with b&w copy
machine. If you have done art on a Macintosh, you
may send us a disk. Please include title, date
created, medium and phone number. Articles should
be 400-800 words long, preferably on a Mac disk.
Send to **Ylem Editor** (see below).

Ylem's two addresses:

Submissions and notices
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